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# Virginia State Corporation Commission eFiling CASE Document Cover Sheet

Case Number (if already assigned) PUE-2015-00108

Case Name (if known) Application of Virginia Electric and Power Company

For approval to establish experimental companion rates, designated Rate Schedule MBR - GS-3 (Experimental) and Rate Schedule MBR - GS-4

(Experimental)

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effective for usage on and after November 1, 2016

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### VIA ELECTRONIC FILING

October 20, 2016

Mr. Joel H. Peck, Clerk c/o Document Control Center State Corporation Commission of Virginia Tyler Building – First Floor 1300 East Main Street Richmond, Virginia 23219

Application of Virginia Electric and Power Company
For approval to establish experimental companion rates, designated
Rate Schedule MBR - GS-3 (Experimental) and Rate Schedule MBR - GS-4
(Experimental) pursuant to § 56-234 B of the Code of Virginia

Case No. PUE-2015-00108

Dear Mr. Peck:

Pursuant to the State Corporation Commission of Virginia's September 23, 2016 Final Order in this proceeding, enclosed are the following tariff sheets effective for usage on and after November 1, 2016:

- Rate Schedule MBR GS-3, Secondary Voltage (Experimental);
- Rate Schedule MBR GS-4, Primary Voltage (Experimental);
- Rider C1A, Peak-Shaving Increment Rider;
- Rider C2A, Energy Efficiency Increment Rider;
- Rider T1, Transmission; and
- Rider U Strategic Underground Program.

Also enclosed are the following tariff sheets effective November 1, 2016:

- Exhibit of Applicable Riders; and
- Table of Contents.

Mr. Joel H. Peck, Clerk October 20, 2016 Page 2 of 2

Should you have any questions, please do not hesitate to contact me.

Sincerely,

Lisa S. Booth

Deputy General Counsel

### **Enclosures**

cc: William H. Chambliss, Esq.

K. Beth Clowers, Esq. Arlen K. Bolstad, Esq. Alisson P. Klaiber, Esq.

William F. Stephens (w/o enc.) Kimberly B. Pate (w/o enc.) Gregory L. Abbot (w/o enc.) Market-based Rate Schedules

### I. APPLICABILITY AND AVAILABILITY

- A. This Schedule is a companion to Rate Schedule GS-3, Large General Service Secondary Voltage and is applicable on an experimental basis in conjunction with Schedule GS-3 only to a Customer (i) who qualifies as a non-residential secondary voltage Customer (as defined in Paragraph XVI.); and (ii) who elects and who— as of the date of service for Customer under this Scheduleis receiving Electricity Supply Service and Electric Delivery Service from the Company under Schedule GS-3 at the Customer's service location; and (iii) whose peak measured demand has reached or exceeded 5,000 kW during at least three (3) billing months within the current and previous 11 billing months at the Customer's service location; and (iv) who has taken service from the Company for at least 12 consecutive billing months at the Customer's service location; and (v) whose Monthly Load Factor at the Customer's service location averages at least 85% for the current and previous 11 billing months, where such Monthly Load Factor is calculated in accordance with Paragraph XII., below.
- B. The Company must receive the Customer's request for service at the Customer's service location, in accordance with this Schedule, prior to November 1, 2019, when this Schedule shall close to additional Customers ("Closure Date"). In addition, all of the criteria in Paragraph I.A. and Paragraph I.C. of this Schedule must be satisfied in sufficient time for the Customer to begin receiving service under this Schedule at the Customer's service location on or prior to January 1, 2020. Unless earlier terminated in accordance with Paragraph XIX. below, this Schedule shall be withdrawn from service on December 31, 2022 and shall no longer be available to the Customer at the Customer's service location. Upon such termination or withdrawal, the Customer shall select an applicable, alternative Rate Schedule.
- C. This Schedule is available only after all of the following criteria are met:
  - 1. The Company has installed metering equipment that it deems to be necessary to measure properly the Customer's demands and energy usage at the Customer's service location; and
  - 2. If applicable, the Customer has installed and provided the Company with access to mutually agreed upon communication technology necessary for the Company to communicate with its metering equipment; and

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- I. APPLICABILITY AND AVAILABILITY (Continued)
  - The Customer has submitted to the Company a notarized Officer Certification Affidavit for Rate Schedule MBR - GS-3 ("Affidavit") which acknowledges that the Customer's representative who signs such Affidavit is a duly authorized officer and understands the terms and conditions under which the Customer will be billed in accordance with this Schedule.
  - The Company may require up to sixty (60) days after all of the criteria in 4. Paragraph I.B., above, are met to provide service to the Customer under this Schedule.
  - D. This Schedule, together with Schedule MBR - GS-4 (Experimental), is subject to a combined aggregate cap of 200 MW of participating Customer load served in accordance with Schedules GS-3 and GS-4, collectively. To determine whether a Customer can take service under this Schedule, the Company shall determine the aggregate load for both (i) the currently participating Customers on this Schedule and Schedule MBR - GS-4 (Experimental) and (ii) for the additional Customer requesting service under this Schedule. Such aggregate load shall be the sum of the loads for all such Customers (i.e., currently participating and additional Customers), based upon the higher of the Customers' (i) actual peak measured demands at their service locations, during the current and previous 11 billing months immediately prior to the date of service for the additional Customer under this Schedule or (ii) the anticipated kW demands in the Customers' load letters for their service locations, if applicable.

#### II. **30-DAY RATE**

- Distribution Service Charges
  - 1. Basic Customer Charge Basic Customer Charge \$119.80 per billing month.
  - 2. Plus Distribution Demand Charge All kW of Distribution Demand

\$2.120 per kW (a)

3. Plus rkVA Demand Charge (a), \$0.15 per rkVA

4. Plus Distribution kWh Charges

> Distribution kWh Charge for All Customers All kWh

0.007¢ per kWh

(Continued)

II. 30-DAY RATE (Continued)

- b. Plus Distribution kWh Charge for Non-exempt or Non-opt-out Customers

  All kWh

  @ 0.000¢ per kWh
- 5. Plus each Distribution kilowatthour used is subject to all applicable riders, included in the Exhibit of Applicable Riders.
- B. Market-based Rate Charges
  - 1. Generation Demand Charge
    All kW of Generation Demand
- @ Generation Demand Billing Rate per kW
- 2. Plus Generation Energy Charge All kWh
- @ Day-Ahead LMP per kWh
- 3. Plus PJM Ancillary Service Charges

Any reference to "PJM" in this Schedule means the PJM Interconnection, LLC (Pennsylvania-New Jersey-Maryland Interconnection, LLC), or any successor, that is the regional transmission organization and is part of the Eastern Interconnection grid that operates an electric transmission system.

PJM Ancillary Service Charges for the current billing month, for which the Customer shall be charged, shall include all PJM ancillary service charges assigned to Customer's total monthly kWh energy consumption, which is grossed up for kWh losses (in accordance with the Schedule GS-3 Customer Class and consistent with the level at which the PJM ancillary service charges have losses applied), and where such PJM ancillary service charges are not already included in Company's Schedule GS-3 Transmission kW Demand Charge and the Company's Rider T1 charge applicable to Schedule GS-3. Currently, PJM Ancillary Service Charges include - but may not be limited now or in the future to - Day-Ahead and Balancing Operating Reserves, Day-Ahead Scheduling Reserves, Reactive Service and Reactive Supply & Voltage Control, Black Start and Regulation & Frequency Response. Synchronized Reserves, and Synchronous Condensing Charges. In the event of any future change in PJM's process for determining ancillary service charges, including any modification as to which ancillary services are included, this ancillary service charge shall represent the similar or like charges for ancillary service determined by PJM.

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(Continued)

### II. 30-DAY RATE (Continued)

b. For PJM Ancillary Service Charges, the Company will determine for the current billing month a monthly rate in \$/kWh by taking such total monthly Dominion LSE ("DOMLSE") charges divided by total monthly DOMLSE kWh energy consumption (the "PJM Ancillary Service Charges Factor"). The Company will bill the PJM Ancillary Service Charges to the Customer based on the Customer's actual total monthly kWh energy consumption, grossed up for kWh losses, for the current billing month multiplied by the PJM Ancillary Service Charges Factor. The DOMLSE charges and total monthly DOMLSE kWh energy consumption represent those associated with the aggregation of the total jurisdiction and non-jurisdictional customers served by the Company in the Commonwealth of Virginia and the State of North Carolina.

### 4. Plus PJM Administrative Fees

- PJM Administrative Fees for the current billing month shall include all PJM administrative fees assigned to Customer's total monthly kWh energy consumption, which is grossed up for kWh losses (in accordance with the Schedule GS-3 Customer Class and consistent with the level at which the PJM ancillary service charges have losses applied), and where such PJM administrative fees are not already included in the Company's Schedule GS-3 Transmission Demand Charge and the Company's Rider T1 charge applicable to Schedule GS-3. In the event of any future change in PJM's process for determining administrative fees, including any modification as to what is being represented in the administrative fees, this administrative fees charge shall represent the similar or like charges for administrative fees determined by the PJM.
- b. For PJM Administrative Fees, the Company will determine for the current billing month a monthly rate in \$/kWh by taking such total monthly Dominion LSE ("DOMLSE") administration fee divided by total monthly DOMLSE kWh energy consumption (the "PJM Administrative Fees Factor"). The Company will bill PJM Administrative Fees to the Customer based on the Customer's actual total monthly kWh energy consumption, grossed up for kWh losses, for the current billing month multiplied by the PJM Administrative Fees Factor. The DOMLSE charges and total monthly DOMLSE kWh energy consumption represent those associated with the aggregation of the total jurisdiction and non-jurisdictional customers served by the Company in the Commonwealth of Virginia and the State of North Carolina.

(Continued)

#### IJ. 30-DAY RATE (Continued)

In the event that PJM assigns any new costs to the loads of the Company, which are not considered to be PJM Ancillary Services or PJM Administrative Fees, in the future for the Customer's total monthly kWh energy consumption, grossed up for kWh losses, during this Schedule's Term of Contract, pursuant to Paragraph XIX., below, the Company and the Customer mutually agree that the Company shall bill and the Customer shall pay to the Company such new PJM costs. The Company shall include any and all such new PJM costs in with the PJM Administrative Fees as described in this Paragraph II.B.4., above.

#### 5. Plus Margin

- The Customer shall pay to the Company a Margin for each kWh of a. Customer's total monthly energy consumption during the current billing month.
- Such Margin for the current billing month shall be based on the Customer's Monthly Load Factor, which the Company will calculate in accordance with Paragraph XII., below. The Customer's Monthly Load Factor at the Customer's service location shall determine the applicable Margin rate per kWh in accordance with the table below:

Customer's Monthly Load Factor	Margin Rate per kWh
>= 85%	\$0.00115
< 85%	[\$0.00115 + ((85 – Monthly Load Factor) * \$0.00005)]

The Company shall disregard any Test Demand, as determined in Paragraph XIII., in calculating the Customer's Monthly Load Factor. In place of the Test Demand, the Company shall use the highest Non-Test Demand in the current billing month to determine the Customer's Monthly Load Factor.

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- II. 30-DAY RATE (Continued)
  - C. Electricity Supply (ES) Service Charges
    - 1. Transmission Demand Charge All On-Peak ES kW
- @ \$ 2.277 per kW
- 2. Plus each kW of On-Peak Electricity Supply Demand, determined pursuant to Paragraph X., below, is subject to all applicable transmission riders, included in the Exhibit of Applicable Riders.
- D. As this Schedule is a companion schedule to Schedule GS-3, the Total Charges billed to the Customer by the Company for services under this Schedule shall be equal to the Total Schedule GS-3 Charges plus the Net Market-based Rate Charges, as described more fully below.

### Where:

- 1. Total Schedule GS-3 Charges shall be equal to the higher of the following:
  - a. The sum of the following:
    - i. Schedule GS-3 Distribution Service Charges (see Paragraph II.A. of Schedule GS-3), which include all applicable riders; plus
    - ii. Schedule GS-3 Electricity Supply Service Charges (see Paragraph II.B. of Schedule GS-3), which include all applicable riders; or
  - b. The minimum charge, which shall be as may be contracted for in the Agreement for the Provision of Electric Service (of which this Schedule is a part), executed by and between the Company and the Customer.
- 2. Total Schedule MBR GS-3 Charges shall be equal to the higher of the following:
  - a. The sum of the following:
    - i. Distribution Service Charges, which include all applicable riders, in Paragraph II.A. of this Schedule; plus

(Continued)

### II. 30-DAY RATE (Continued)

- ii. Market-based Rate Charges in Paragraph II.B. of this Schedule; plus
- iii. Electricity Supply Service Charges, which include all applicable transmission riders, in Paragraph II.C. of this Schedule; or
- b. The minimum charge, which shall be as may be contracted for in the Agreement for the Provision of Electric Service (of which this Schedule is a part), executed by and between the Company and the Customer.
- 3. Net Market-based Rate Charges shall be equal to the Total Schedule MBR GS-3 Charges minus the Total Schedule GS-3 Charges.

### III. DETERMINATION OF DISTRIBUTION DEMAND

- A. The Distribution Demand shall be billed only where the normal service delivery voltage is less than 69 kV.
- B. The Distribution Demand billed under Paragraph II.A.2 shall be such as may be contracted for but not less than the highest of:
  - 1. The highest average kW measured at the location during any 30-minute interval of the current and previous 11 billing months.
  - 2. 500 kW.
- C. When the Customer's power factor at the Customer's service location is less than 85 percent, a minimum distribution demand of not less than 85 percent of the Customer's maximum kVA demand may be established.

### IV. DETERMINATION OF rkVA DEMAND

The rkVA of demand billed shall be the highest average rkVA measured at the Customer's service location in any 30-minute interval during the current billing month.

(Continued)

#### V. EXEMPTION AND OPT-OUT PROVISIONS FOR DISTRIBUTION KWH CHARGE

The Distribution kWh Charge in Paragraph II.A.4.b., above, shall not apply to Customers who are either exempt from or opt-out of such charge pursuant to Virginia Code § 56-585.1 A 5 c.

#### VI. DETERMINATION OF GENERATION DEMAND

- The Generation Demand billed in Paragraph II.B.1., above, shall be the higher of the following, which also shall be subject to adjustment for losses and reserves, as provided for in Paragraph VI.B., below:
  - 1. The Customer's highest average 30-minute kW of demand measured by the Company during the current billing month ("Maximum kW of Demand"); or
  - 2. The Customer's contribution to PJM's peak load (currently the average of the five (5) coincident peaks ("5CPs") of the prior Summer) shall be determined in accordance with PJM's rules for the PJM Delivery Year ("Delivery Year") prior to the current Delivery Year. In the event of any future change in PJM's process for determining the Customer's contribution to PJM peak load, the Customer's contribution to PJM's peak load shall represent the similar or like method used by PJM for determining Customer's contribution to PJM's peak load.
- Such kW of demand determined in Paragraph VI.A., above, shall be grossed up for losses and reserves, which are applicable to the Customer's service location. Such losses and reserves shall be calculated by the Company and updated annually.
- The adjustment for losses in Paragraph VI.B., above, to the kW of demand determined in Paragraph VI.A., above, shall represent the Company's average distribution and transmission loss adjustment factor for providing capacity to serve a Schedule GS-3 customer's load.
- The adjustment for reserves in Paragraph VI.B., above, to the kW of demand determined in Paragraph VI.C., above, shall represent the Company's required reserves based upon the volumes procured and/or assigned to the Company's load by PJM, as defined by the underlying PJM structure for acquiring capacity for load in PJM. In the event of any future change in PJM's process for determining the Company's reserve requirement for load, the required reserves shall represent the similar or like method used by PJM for determining the Company's required reserves for acquiring capacity for load in PJM.

(Continued)

### VI. DETERMINATION OF GENERATION DEMAND (Continued)

E. The resulting kW of demand, determined in accordance with Paragraph VI. of this Schedule, shall be the Generation Demand.

### VII. DETERMINATION OF GENERATION DEMAND BILLING RATE

The Generation Demand Billing Rate for the current billing month shall be equal to the PJM Final Zonal Net Load Price in \$/MW-Day multiplied by the number of days in the current billing month and shall represent the price reflective of the cost to procure capacity in the PJM market to serve the Customer's Generation Demand at the Customer's service location. In the event of any future change in PJM's process for determining the price reflecting the cost to procure capacity for load in the PJM market to serve the Customer's Generation Demand, the Generation Demand Billing Rate shall represent the similar or like method used by PJM for determining the Generation Demand Billing Rate.

### VIII. DETERMINATION OF GENERATION ENERGY

The Generation Energy billed in Paragraph II.B.2, above, shall be the Customer's total monthly kWh energy consumption for the current billing month grossed up for the appropriate distribution losses for a Schedule GS-3 customer.

### IX. DETERMINATION OF DAY-AHEAD LMP

The Day-ahead LMP used to bill the Customer's Generation Energy in Paragraph II.B.2, above, shall mean the respective hourly PJM Day-Ahead Locational Marginal Price ("LMP") for the applicable PJM load zone, or any successor thereto, which includes the Customer's service location. In the event of any future change in PJM's process for determining the price reflecting the cost to procure energy in the PJM market to serve the Customer's Generation Energy, the Day-ahead LMP shall represent the similar or like method used by PJM for determining the Day-ahead LMP.

### X. DETERMINATION OF ON-PEAK ELECTRICITY SUPPLY DEMAND

The kW of demand billed under Paragraph II.C.1., above, shall be the highest of:

- A. The highest average kW measured in any 30-minute interval of the current billing month during on-peak hours.
- B. Seventy-five percent of the highest kW of demand at the Customer's service location as determined under Paragraph X.A., above, during the billing months of June through September of the preceding 11 billing months.
- C. 100 kW.

## Virginia Electric and Power Company

# **SCHEDULE MBR - GS-3** LARGE GENERAL SERVICE SECONDARY VOLTAGE (EXPERIMENTAL)

### (Continued)

#### XI. DETERMINATION OF ON-PEAK AND OFF-PEAK HOURS

The following on-peak and off-peak hours are applicable to the billing of the Electricity Supply Service Charges in Paragraph II.C., above.

- A. On-peak hours are as follows:
  - For the period of June 1 through September 30, 10 a.m. to 10 p.m., Mondays through Fridays.
  - For the period of October 1 through May 31, 7 a.m. to 10 p.m., Mondays through Fridays.
- B. All hours not specified in Paragraph XI.A. are off-peak.

#### DETERMINATION OF MONTHLY LOAD FACTOR XII.

The Company shall calculate the Customer's Monthly Load Factor for the current billing month at the Customer's service location, using the following formula:

Monthly Load Factor = Total kWh ÷ (24 \* Maximum kW of Demand \* Days)

Where:

Total kWh = Customer's actual monthly total kWh energy consumption for the current billing month;

24 = 24 hours per day;

Maximum kW of Demand = the demand determined for the current billing month in accordance with Paragraph VI.A.1., above;

Days = the number of days in the current billing month.

### XIII. DETERMINATION OF TEST DEMAND AND NON-TEST DEMAND

Periodically, the Customer may have to conduct equipment testing at the Customer's service location. Customer's equipment testing that may result in the establishment of an abnormally high average 30-minute peak measured demand ("Peak Demand") during one or more billing months at the Customer's service location. The Company will disregard the Peak Demand for the purposes of calculating the Customer's Monthly Load Factor and the Customer's Margin, in accordance with Paragraph II.B.5., above, for the current billing month when all of the following criteria are met:

(Continued)

### XIII. DETERMINATION OF TEST DEMAND AND NON-TEST DEMAND (Continued)

- Customer conducted the equipment testing at the Customer's service location;
- 2. The Customer's notification to the Company and conduct of the equipment testing were in accordance with the provisions of the Customer's Equipment Testing Agreement; and
- 3. The Customer's Peak Demand was established during the date(s) and time(s) identified by the Customer on the "Official Test Schedule," which was submitted to the Company pursuant to the Customer's Equipment Testing Agreement: and
- 4. The Company approved the Customer's Peak Demand to be a Test Demand, using the provisions of the Customer's Equipment Testing Agreement.

The Company shall disregard any Test Demand for the Customer only from the calculation of the Customer's Monthly Load Factor for the purposes of the calculating the Customer's Margin during the current billing month.

Using the Company's meter data records, the Company will determine the Customer's highest average 30-minute measured peak demand outside of the dates and times listed on the "Official Test Schedule" as the Customer's Non-Test Demand for the current billing month at the Customer's service location. The Company shall use the Customer's Non-Test Demand to calculate the Customer's Monthly Load Factor for the purposes of calculating the Customer's Margin, in accordance with Paragraph II.B.5., above.

### XIV. METER READING AND BILLING AND PAYMENT

- If applicable, the Customer has installed and provided the Company with access to mutually agreed upon communication technology necessary for the Company to communicate with its metering equipment. Such communication technology shall be provided to the Company's metering equipment at the Customer's own expense.
- B. When the actual number of days between meter readings is more or less than 30 days, the Basic Customer Charge, the Distribution Demand Charge, the rkVA Demand Charge, the Transmission Demand Charge, and the minimum charge of the 30-day rate will each be multiplied by the actual number of days in the billing period and divided by 30. Billing and payment shall be made concurrent with billing under Schedule GS-3.

(Continued)

### XV. STANDBY, MAINTENANCE OR PARALLEL OPERATION SERVICE

A Customer requiring standby, maintenance or parallel operation service may elect service under this Schedule provided the Customer contracts for the maximum kW which the Company is to supply. Standby, maintenance or parallel operation service is subject to the following provisions:

- A. Suitable relays and protective apparatus shall be furnished, installed, and maintained at the Customer's expense in accordance with specifications furnished by the Company. The relays and protective equipment shall be subject, at all reasonable times, to inspection by the Company's authorized representative.
- B. In case the Distribution Demand determined under Paragraph III. exceeds the contract demand, the contract demand shall be increased by such excess demand.
- C. The demand billed under Paragraph II.A.2 shall be the contract demand.

# XVI. DEFINITION OF TRANSMISSION, PRIMARY AND SECONDARY VOLTAGE CUSTOMER

- A. A transmission voltage Customer is any Customer whose delivery voltage is 69 kV or above and is the voltage that is generally available in the area.
- B. A primary voltage Customer is any Customer (a) served from a circuit of 69 kV or more where the delivery voltage is 4,000 volts or more, (b) served from a circuit of less than 69 kV where Company-owned transformation is not required at the Customer's site, (c) where Company-owned transformation has become necessary at the Customer's site because the Company has changed the voltage of the circuit from that originally supplied, or (d) at a location served prior to October 27, 1992 where the Customer's connection to the Company's facilities is made at 2,000 volts or more.
- C. A secondary voltage Customer is any Customer not defined in Paragraph XVI.A. or Paragraph XVI.B. as a transmission or primary voltage Customer.

(Continued)

### XVII. CUSTOMER AUTHORIZATION

The Customer authorizes the Company to allow its Energy Supply personnel to have full access to the Customer's specific load, pricing, and any other necessary Customer specific information during the Term of Contract. Such authorization will allow the Company's Energy Supply personnel to support certain Company-specific activities resulting from Customer's participation on this Schedule.

### XVIII. PERIODIC REVISION OF RATES

The rates contained in this Schedule and in all the applicable riders for this Schedule are subject to change from time-to-time by order of the Commission. The rates for the currently-effective Rate Schedules and all the applicable riders are available on the Company's Internet website.

### XIX. TERM OF CONTRACT

- A. The term of contract for the purchase of Electric Service under this Schedule shall be as mutually agreed upon, but for not less than three (3) years. Any Customer electing to transition service to this Schedule shall remain on this Schedule for a minimum of three (3) years, continuing thereafter for additional one-year terms unless either the Company or the Customer provides the other party with written notice of termination at least sixty (60) days prior to the end of the then-current term.
- B. Notwithstanding the provisions of Paragraph XIX.A., above, and after the conclusion of the Customer's initial three-year term under this Schedule, the Customer may renew this Schedule for service at the Customer's service location for only one additional one-year term after the Closure Date, pursuant to Paragraph I.B. of this Schedule.
- C. This Schedule shall be withdrawn from service on December 31, 2022 and shall no longer be available to the Customer at the Customer's service location.

### I. APPLICABILITY AND AVAILABILITY

- A. This Schedule is a companion to Rate Schedule GS-4, Large General Service Primary Voltage and is applicable on an experimental basis in conjunction with Schedule GS-4 only to a Customer (i) who qualifies as a non-residential transmission or primary voltage Customer (as defined in Paragraph XVI.); and (ii) who elects and who as of the date of service for Customer under this Schedule is receiving Electricity Supply Service and Electric Delivery Service from the Company under Schedule GS-4 at the Customer's service location; and (iii) whose peak measured demand has reached or exceeded 5,000 kW during at least three (3) billing months within the current and previous 11 billing months at the Customer's service location; and (iv) who has taken service from the Company for at least 12 consecutive billing months at the Customer's service location; and (v) whose Monthly Load Factor at the Customer's service location averages at least 85% for the current and previous 11 billing months, where such Monthly Load Factor is calculated in accordance with Paragraph XII., below.
- B. The Company must receive the Customer's request for service at the Customer's service location in accordance with this Schedule, prior to November 1, 2019, when this Schedule shall close to additional Customers ("Closure Date"). In addition, all of the criteria in Paragraph I.A. and Paragraph I.C. of this Schedule must be satisfied in sufficient time for the Customer to begin receiving service under this Schedule at the Customer's service location on or prior to January 1, 2020. Unless earlier terminated in accordance with Paragraph XIX. below, this Schedule shall be withdrawn from service on December 31, 2022 and shall no longer be available to the Customer at the Customer's service location. Upon such termination or withdrawal, the Customer shall select an applicable, alternative Rate Schedule.
- C. This Schedule is available only after all of the following criteria are met:
  - 1. The Company has installed metering equipment that it deems to be necessary to measure properly the Customer's demands and energy usage at the Customer's service location; and
  - 2. If applicable, the Customer has installed and provided the Company with access to mutually agreed upon communication technology necessary for the Company to communicate with its metering equipment; and
  - 3. The Customer has submitted to the Company a notarized Officer Certification Affidavit for Rate Schedule MBR— GS-4 ("Affidavit") which acknowledges that the Customer's representative who signs such Affidavit is a duly authorized officer and understands the terms and conditions under which the Customer will be billed in accordance with this Schedule.

(Continued)

- I. APPLICABILITY AND AVAILABILITY (Continued)
  - The Company may require up to sixty (60) days after all of the criteria in Paragraph I.B., above, are met to provide service to the Customer under this Schedule.
  - This Schedule, together with Schedule MBR GS-3 (Experimental), is subject to a D. combined aggregate cap of 200 MW of participating Customer load served in accordance with Schedules GS-3 and GS-4, collectively. To determine whether a Customer can take service under this Schedule, the Company shall determine the aggregate load for both (i) the currently participating Customers on this Schedule and Schedule MBR - GS-3 (Experimental) and (ii) for the additional Customer requesting service under this Schedule. Such aggregate load shall be the sum of the loads for all such Customers (i.e., currently participating and additional Customers). based upon the higher of the Customers' (i) actual peak measured demands at their service locations, during the current and previous 11 billing months immediately prior to the date of service for the additional Customer under this Schedule or (ii) the anticipated kW demands in the Customers' load letters for their service locations, if applicable.

#### Π. **30-DAY RATE**

- Distribution Service Charges
  - **Basic Customer Charge** Basic Customer Charge \$127.60 per billing month.
  - Plus Distribution Demand Charge 2. First 5000 kW of Distribution Demand

\$1.000 per kW

Additional kW of Distribution Demand

\$0.755 per kW (a),

3. Plus rkVA Demand Charge a. \$0.15 per rkVA

- Plus Distribution kWh Charges
  - a. Distribution kWh Charge for All Customers All kWh

0.006¢ per kWh

b. Plus Distribution kWh Charge for Non-exempt or Non-opt-out Customers 0.000¢ per kWh All kWh

Plus each Distribution kilowatthour used is subject to all applicable riders, 5. included in the Exhibit of Applicable Riders.

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(Continued)

- II. 30-DAY RATE (Continued)
  - B. Market-based Rate Charges
    - 1. Generation Demand Charge
      All kW of Generation Demand
- @ Generation Demand Billing Rate per kW
- 2. Plus Generation Energy Charge All kWh
- @ Day-Ahead LMP per kWh
- 3. Plus PJM Ancillary Service Charges

Any reference to "PJM" in this Schedule means the PJM Interconnection, LLC (Pennsylvania-New Jersey-Maryland Interconnection, LLC), or any successor, that is the regional transmission organization and is part of the Eastern Interconnection grid that operates an electric transmission system.

PJM Ancillary Service Charges for the current billing month, for which the Customer shall be charged, shall include all PJM ancillary service charges assigned to Customer's total monthly kWh energy consumption, which is grossed up for kWh losses (in accordance with the Schedule GS-4 Customer Class and consistent with the level at which the PJM ancillary service charges have losses applied), and where such PJM ancillary service charges are not already included in Company's Schedule GS-4 Transmission kW Demand Charge and the Company's Rider T1 charge applicable to Schedule GS-4. Currently, PJM Ancillary Service Charges include - but may not be limited now or in the future to - Day-Ahead and Balancing Operating Reserves, Day-Ahead Scheduling Reserves, Reactive Service and Reactive Supply & Voltage Control, Black Start and Regulation & Frequency Response, Synchronized Reserves, and Synchronous Condensing Charges. In the event of any future change in PJM's process for determining ancillary service charges, including any modification as to which ancillary services are included, this ancillary service charge shall represent the similar or like charges for ancillary service determined by PJM.

II.

# SCHEDULE MBR - GS-4 LARGE GENERAL SERVICE PRIMARY VOLTAGE (EXPERIMENTAL)

(Continued)

# 30-DAY RATE (Continued)

b. For PJM Ancillary Service Charges, the Company will determine for the current billing month a monthly rate in \$/kWh by taking such total monthly Dominion LSE ("DOMLSE") charges divided by total monthly DOMLSE kWh energy consumption (the "PJM Ancillary Service Charges Factor"). The Company will bill the PJM Ancillary Service Charges to the Customer based on the Customer's actual total monthly kWh energy consumption, grossed up for kWh losses, for the current billing month multiplied by the PJM Ancillary Service Charges Factor. The DOMLSE charges and total monthly DOMLSE kWh energy consumption represent those associated with the aggregation of the total jurisdiction and non-jurisdictional customers served by the Company in the Commonwealth of Virginia and the State of North Carolina.

### 4. Plus PJM Administrative Fees

- a. PJM Administrative Fees for the current billing month shall include all PJM administrative fees assigned to Customer's total monthly kWh energy consumption, which is grossed up for kWh losses (in accordance with the Schedule GS-4 Customer Class and consistent with the level at which the PJM ancillary service charges have losses applied), and where such PJM administrative fees are not already included in the Company's Schedule GS-4 Transmission Demand Charge and the Company's Rider T1 charge applicable to Schedule GS-4. In the event of any future change in PJM's process for determining administrative fees, including any modification as to what is being represented in the administrative fees, this administrative fees charge shall represent the similar or like charges for administrative fees determined by the PJM.
- b. For PJM Administrative Fees, the Company will determine for the current billing month a monthly rate in \$/kWh by taking such total monthly Dominion LSE ("DOMLSE") administration fee divided by total monthly DOMLSE kWh energy consumption (the "PJM Administrative Fees Factor"). The Company will bill PJM Administrative Fees to the Customer based on the Customer's actual total monthly kWh energy consumption, grossed up for kWh losses, for the current billing month multiplied by the PJM Administrative Fees Factor. The DOMLSE charges and total monthly DOMLSE kWh energy consumption represent those associated with the aggregation of the total jurisdiction and non-jurisdictional customers served by the Company in the Commonwealth of Virginia and the State of North Carolina.

(Continued)

#### II. 30-DAY RATE (Continued)

In the event that PJM assigns any new costs to the loads of the Company, which are not considered to be PJM Ancillary Services or PJM Administrative Fees, in the future for the Customer's total monthly kWh energy consumption, grossed up for kWh losses, during this Schedule's Term of Contract, pursuant to Paragraph XIX., below, the Company and the Customer mutually agree that the Company shall bill and the Customer shall pay to the Company such new PJM costs. The Company shall include any and all such new PJM costs in with the PJM Administrative Fees as described in this Paragraph II.B.4., above.

#### 5. Plus Margin

- The Customer shall pay to the Company a Margin for each kWh of Customer's total monthly energy consumption during the current billing month.
- b. Such Margin for the current billing month shall be based on the Customer's Monthly Load Factor, which the Company will calculate in accordance with Paragraph XII., below. The Customer's Monthly Load Factor at the Customer's service location shall determine the applicable Margin rate per kWh in accordance with the table below:

Customer's Monthly Load Factor	Margin Rate per kWh
>= 85%	\$0.00115
< 85%	[\$0.00115 + ((85 - Monthly Load Factor) * \$0.00005)]

The Company shall disregard any Test Demand, as determined in C. Paragraph XIII., in calculating the Customer's Monthly Load Factor. In place of the Test Demand, the Company shall use the highest Non-Test Demand in the current billing month to determine the Customer's Monthly Load Factor.

(Continued)

- II. 30-DAY RATE (Continued)
  - Electricity Supply (ES) Service Charges
    - 1. Transmission Demand Charge
      - a. All On-peak Electricity Supply Demand for Primary Service Voltage (a) \$ 2.371 per kW
      - b. All On-peak Electricity Supply Demand for Transmission Service Voltage \$ 2.310 per kW
    - Plus each kW of On-Peak Electricity Supply Demand, determined pursuant to 2. Paragraph X., below, is subject to all applicable transmission riders, included in the Exhibit of Applicable Riders.
  - As this Schedule is a companion schedule to Schedule GS-4, the Total Charges billed to the Customer by the Company for services under this Schedule shall be equal to the Total Schedule GS-4 Charges plus the Net Market-based Rate Charges, as described more fully below.

### Where:

- 1. Total Schedule GS-4 Charges shall be equal to the higher of the following:
  - The sum of the following:
    - Schedule GS-4 Distribution Service Charges (see Paragraph II.A. of Schedule GS-4), which include all applicable riders; plus
    - Schedule GS-4 Electricity Supply Service Charges (see Paragraph II.B. of Schedule GS-4), which include all applicable riders; or
  - The minimum charge, which shall be as may be contracted for in the b. Agreement for the Provision of Electric Service (of which this Schedule is a part), executed by and between the Company and the Customer.

II.

# SCHEDULE MBR - GS-4 LARGE GENERAL SERVICE PRIMARY VOLTAGE (EXPERIMENTAL)

(Continued)

# 30-DAY RATE (Continued)

- 2. Total Schedule MBR GS-4 Charges shall be equal to the higher of the following:
  - a. The sum of the following:
    - i. Distribution Service Charges, which include all applicable riders, in Paragraph II.A. of this Schedule; plus
    - ii. Market-based Rate Charges in Paragraph II.B. of this Schedule; plus
    - iii. Electricity Supply Service Charges, which include all applicable transmission riders, in Paragraph II.C. of this Schedule; or
  - b. The minimum charge, which shall be as may be contracted for in the Agreement for the Provision of Electric Service (of which this Schedule is a part), executed by and between the Company and the Customer.
- 3. Net Market-based Rate Charges shall be equal to the Total Schedule MBR GS-4 Charges minus the Total Schedule GS-4 Charges.

### III. DETERMINATION OF DISTRIBUTION DEMAND

- A. The Distribution Demand shall be billed only where the normal service delivery voltage is less than 69 kV.
- B. The Distribution Demand billed under Paragraph II.A.2 shall be such as may be contracted for but not less than the highest of:
  - 1. The highest average kW measured at the location during any 30-minute interval of the current and previous 11 billing months.
  - 2. 500 kW.
- C. When the Customer's power factor at the Customer's service location is less than 85 percent, a minimum distribution demand of not less than 85 percent of the Customer's maximum kVA demand may be established.

# Virginia Electric and Power Company

# SCHEDULE MBR - GS-4 LARGE GENERAL SERVICE PRIMARY VOLTAGE (EXPERIMENTAL)

(Continued)

#### IV. DETERMINATION OF rkVA DEMAND

The rkVA of demand billed shall be the highest average rkVA measured at the Customer's service location in any 30-minute interval during the current billing month.

#### V. EXEMPTION AND OPT-OUT PROVISIONS FOR DISTRIBUTION KWH CHARGE

The Distribution kWh Charge in Paragraph II.A.4.b., above, shall not apply to Customers who are either exempt from or opt-out of such charge pursuant to Virginia Code § 56-585.1 A 5 c.

#### VI. DETERMINATION OF GENERATION DEMAND

- The Generation Demand billed in Paragraph II.B.1., above, shall be the higher of the following, which also shall be subject to adjustment for losses and reserves, as provided for in Paragraph VI.B., below:
  - The Customer's highest average 30-minute kW of demand measured by the Company during the current billing month ("Maximum kW of Demand"); or
  - 2. The Customer's contribution to PJM's peak load (currently the average of the five (5) coincident peaks ("5CPs") of the prior Summer) shall be determined in accordance with PJM's rules for the PJM Delivery Year ("Delivery Year") prior to the current Delivery Year. In the event of any future change in PJM's process for determining the Customer's contribution to PJM peak load, the Customer's contribution to PJM's peak load shall represent the similar or like method used by PJM for determining Customer's contribution to PJM's peak load.
- B. Such kW of demand determined in Paragraph VI.A., above, shall be grossed up for losses and reserves, which are applicable to the Customer's service location. Such losses and reserves shall be calculated by the Company and updated annually.
- The adjustment for losses in Paragraph VI.B., above, to the kW of demand determined in Paragraph VI.A., above, shall represent the Company's average distribution and transmission loss adjustment factor for providing capacity to serve a Schedule GS-4 customer's load.

(Continued)

#### VI. DETERMINATION OF GENERATION DEMAND (Continued)

- The adjustment for reserves in Paragraph VI.B., above, to the kW of demand determined in Paragraph VI.C., above, shall represent the Company's required reserves based upon the volumes procured and/or assigned to the Company's load by PJM, as defined by the underlying PJM structure for acquiring capacity for load in PJM. In the event of any future change in PJM's process for determining the Company's reserve requirement for load, the required reserves shall represent the similar or like method used by PJM for determining the Company's required reserves for acquiring capacity for load in PJM.
- E. The resulting kW of demand, determined in accordance with Paragraph VI. of this Schedule, shall be the Generation Demand.

#### VII. DETERMINATION OF GENERATION DEMAND BILLING RATE

The Generation Demand Billing Rate for the current billing month shall be equal to the PJM Final Zonal Net Load Price in \$/MW-Day multiplied by the number of days in the current billing month and shall represent the price reflective of the cost to procure capacity in the PJM market to serve the Customer's Generation Demand at the Customer's service location. In the event of any future change in PJM's process for determining the price reflecting the cost to procure capacity for load in the PJM market to serve the Customer's Generation Demand, the Generation Demand Billing Rate shall represent the similar or like method used by PJM for determining the Generation Demand Billing Rate.

### VIII. DETERMINATION OF GENERATION ENERGY

The Generation Energy billed in Paragraph II.B.2, above, shall be the Customer's total monthly kWh energy consumption for the current billing month grossed up for the appropriate distribution losses for a Schedule GS-4 customer.

#### IX. DETERMINATION OF DAY-AHEAD LMP

The Day-ahead LMP used to bill the Customer's Generation Energy in Paragraph II.B.2, above, shall mean the respective hourly PJM Day-Ahead Locational Marginal Price ("LMP") for the applicable PJM load zone, or any successor thereto, which includes the Customer's service location. In the event of any future change in PJM's process for determining the price reflecting the cost to procure energy in the PJM market to serve the Customer's Generation Energy, the Day-ahead LMP shall represent the similar or like method used by PJM for determining the Dayahead LMP.

(Continued)

#### X. DETERMINATION OF ON-PEAK ELECTRICITY SUPPLY DEMAND

The kW of demand billed under Paragraph II.C.1.a. and Paragraph II.C.1.b., above, shall be the highest of:

- The highest average kW measured in any 30-minute interval of the current billing month during on-peak hours.
- Seventy-five percent of the highest kW of demand at the Customer's service location as determined under Paragraph X.A., above, during the billing months of June through September of the preceding 11 billing months.
- C. 100 kW.

#### XI. DETERMINATION OF ON-PEAK AND OFF-PEAK HOURS

The following on-peak and off-peak hours are applicable to the billing of the Electricity Supply Service Charges in Paragraph II.C., above.

- A. On-peak hours are as follows:
  - For the period of June 1 through September 30, 10 a.m. to 10 p.m., Mondays through Fridays.
  - For the period of October 1 through May 31, 7 a.m. to 10 p.m., Mondays through Fridays.
- All hours not specified in Paragraph XI.A. are off-peak.

#### XII. DETERMINATION OF MONTHLY LOAD FACTOR

The Company shall calculate the Customer's Monthly Load Factor for the current billing month at the Customer's service location, using the following formula:

Monthly Load Factor = Total kWh ÷ (24 \* Maximum kW of Demand \* Days)

Where:

Total kWh = Customer's actual monthly total kWh energy consumption for the current billing month;

24 = 24 hours per day;

Maximum kW of Demand = the demand determined for the current billing month in accordance with Paragraph VI.A.1., above;

Days = the number of days in the current billing month.

(Continued)

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(Continued)

### XIII. DETERMINATION OF TEST DEMAND AND NON-TEST DEMAND

- A. Periodically, the Customer may have to conduct equipment testing at the Customer's service location. Customer's equipment testing that may result in the establishment of an abnormally high average 30-minute peak measured demand ("Peak Demand") during one or more billing months at the Customer's service location. The Company will disregard the Peak Demand for the purposes of calculating the Customer's Monthly Load Factor and the Customer's Margin, in accordance with Paragraph II.B.5., above, for the current billing month when all of the following criteria are met:
  - 1. Customer conducted the equipment testing at the Customer's service location;
  - 2. The Customer's notification to the Company and conduct of the equipment testing were in accordance with the provisions of the Customer's Equipment Testing Agreement; and
  - 3. The Customer's Peak Demand was established during the date(s) and time(s) identified by the Customer on the "Official Test Schedule," which was submitted to the Company pursuant to the Customer's Equipment Testing Agreement; and
  - 4. The Company approved the Customer's Peak Demand to be a Test Demand, using the provisions of the Customer's Equipment Testing Agreement.

The Company shall disregard any Test Demand for the Customer only from the calculation of the Customer's Monthly Load Factor for the purposes of the calculating the Customer's Margin during the current billing month.

B. Using the Company's meter data records, the Company will determine the Customer's highest average 30-minute measured peak demand outside of the dates and times listed on the "Official Test Schedule" as the Customer's Non-Test Demand for the current billing month at the Customer's service location. The Company shall use the Customer's Non-Test Demand to calculate the Customer's Monthly Load Factor for the purposes of calculating the Customer's Margin, in accordance with Paragraph II.B.5., above.

(Continued)

# XIV. METER READING AND BILLING AND PAYMENT

- A. If applicable, the Customer has installed and provided the Company with access to mutually agreed upon communication technology necessary for the Company to communicate with its metering equipment. Such communication technology shall be provided to the Company's metering equipment at the Customer's own expense.
- B. When the actual number of days between meter readings is more or less than 30 days, the Basic Customer Charge, the Distribution Demand Charge, the rkVA Demand Charge, the Transmission Demand Charge, and the minimum charge of the 30-day rate will each be multiplied by the actual number of days in the billing period and divided by 30. Billing and payment shall be made concurrent with billing under Schedule GS-4.

### XV. STANDBY, MAINTENANCE OR PARALLEL OPERATION SERVICE

- A Customer requiring standby, maintenance or parallel operation service may elect service under this Schedule provided the Customer contracts for the maximum kW which the Company is to supply. Standby, maintenance or parallel operation service is subject to the following provisions:
  - A. Suitable relays and protective apparatus shall be furnished, installed, and maintained at the Customer's expense in accordance with specifications furnished by the Company. The relays and protective equipment shall be subject, at all reasonable times, to inspection by the Company's authorized representative.
  - B. In case the Distribution Demand determined under Paragraph III. exceeds the contract demand, the contract demand shall be increased by such excess demand.
  - C. The demand billed under Paragraph II.A.2 shall be the contract demand.

# XVI. DEFINITION OF TRANSMISSION, PRIMARY AND SECONDARY VOLTAGE CUSTOMER

- A. A transmission voltage Customer is any Customer whose delivery voltage is 69 kV or above and is the voltage that is generally available in the area.
- B. A primary voltage Customer is any Customer (a) served from a circuit of 69 kV or more where the delivery voltage is 4,000 volts or more, (b) served from a circuit of less than 69 kV where Company-owned transformation is not required at the Customer's site, (c) where Company-owned transformation has become necessary at the Customer's site because the Company has changed the voltage of the circuit from that originally supplied, or (d) at a location served prior to October 27, 1992 where the Customer's connection to the Company's facilities is made at 2,000 volts or more.

(Continued)

# XVI. DEFINITION OF TRANSMISSION, PRIMARY AND SECONDARY VOLTAGE CUSTOMER (Continued)

C. A secondary voltage Customer is any Customer not defined in Paragraph XVI.A. or Paragraph XVI.B. as a transmission or primary voltage Customer.

### XVII. CUSTOMER AUTHORIZATION

The Customer authorizes the Company to allow its Energy Supply personnel to have full access to the Customer's specific load, pricing, and any other necessary Customer-specific information during the Term of Contract. Such authorization will allow the Company's Energy Supply personnel to support certain Company-specific activities resulting from Customer's participation on this Schedule.

### XVIII. PERIODIC REVISION OF RATES

The rates contained in this Schedule and in all the applicable riders for this Schedule are subject to change from time-to-time by order of the Commission. The rates for the currently-effective Rate Schedules and all the applicable riders are available on the Company's Internet website.

### XIX. TERM OF CONTRACT

- A. The term of contract for the purchase of Electric Service under this Schedule shall be as mutually agreed upon, but for not less than three (3) years. Any Customer electing to transition service to this Schedule shall remain on this Schedule for a minimum of three (3) years, continuing thereafter for additional one-year terms unless either the Company or the Customer provides the other party with written notice of termination at least sixty (60) days prior to the end of the then-current term.
- B. Notwithstanding the provisions of Paragraph XIX.A., above, and after the conclusion of the Customer's initial three-year term under this Schedule, the Customer may renew this Schedule for service at the Customer's service location for only one additional one-year term after the Closure Date, pursuant to Paragraph I.B. of this Schedule.
- C. This Schedule shall be withdrawn from service on December 31, 2022 and shall no longer be available to the Customer at the Customer's service location.

Riders

### RIDER C1A

### PEAK-SHAVING INCREMENT RIDER

The Peak-Shaving kWh Charge, which is contained in the Distribution Service Charges section within each of the following Virginia Electric and Power Company filed Rate Schedules and within the Other Monthly Charges section of the special contracts approved by the Commission pursuant to Virginia Code § 56-235.2 ("Special Contracts"), shall be increased by the applicable cents per kilowatt-hour increment shown below.

Rate Schedule	Cents per Distribution kWh Charge
Schedule 1	-0.0015¢/kWh
Schedule 1P	-0.0015¢/kWh
Schedule 1S	-0.0015¢/kWh
Schedule 1T	-0.0015¢/kWh
Schedule 1W	-0.0015¢/kWh
Schedule DP-R	-0.0015¢/kWh
Schedule 1EV	-0.0015¢/kWh
Schedule EV	-0.0015¢/kWh
Schedule GS-1	-0.0012¢/kWh
Schedule DP-1	-0.0012¢/kWh
Schedule GS-2 (Non-Demand Billing)	-0.0011¢/kWh
Schedule GS-2 (Demand Billing)	-0.0011¢/kWh
Schedule GS-2T	-0.0011¢/kWh
Schedule DP-2	-0.0011¢/kWh
Schedule GS-3, RG, MBR – GS-3, SCR – GS-3	-0.0009¢/kWh
Schedule GS-4 (Primary), RG, MBR - GS-4, SCR - GS-4	-0.0008¢/kWh
Schedule GS-4 (Transmission), RG, MBR – GS-4, SCR – GS-4	-0.0008¢/kWh
Schedule 8 (Primary)	-0.0008¢/kWh
Schedule 8 (Transmission)	-0.0008¢/kWh
§ 56-235.2 Contract	-0.0015¢/kWh
Schedule 10 (Secondary)	-0.0009¢/kWh
Schedule 10 (Primary & Transmission)	-0.0008¢/kWh
Schedule 5	-0.0011¢/kWh
Schedule 5C	-0.0016¢/kWh
Schedule 5P	-0.0016¢/kWh
Schedule 6	-0.0009¢/kWh
Schedule 6TS	-0.0009¢/kWh
Schedule 7	-0.0012¢/kWh
Schedule 25	-0.0014¢/kWh
Schedule 27	-0.0014¢/kWh
Schedule 28	-0.0014¢/kWh
Schedule 29	-0.0014¢/kWh

<sup>&</sup>lt;sup>1</sup> This increment is not part of the Distribution kWh Charge included in the Distribution Service Charges section of the Rate Schedules, nor is this increment part of the Distribution kWh Charge included in the Other Monthly Charges section of the Special Contracts. Therefore, such increment shall be applied in addition to the Distribution rates stated in the Rate Schedules and the Special Contracts.

### RIDER C2A

### **ENERGY EFFICIENCY INCREMENT RIDER**

The Energy Efficiency kWh Charge, which is contained in the Distribution Service Charges section within each of the following Virginia Electric and Power Company filed Rate Schedules and within the Other Monthly Charges section of the special contracts approved by the Commission pursuant to Virginia Code § 56-235.2 ("Special Contracts") shall be increased by the applicable cents per kilowatt-hour increment shown below.

Rate Schedule	Cents per Distribution kWh Charge
Schedule 1	0.0923¢/kWh
Schedule 1P	0.0923¢/kWh
Schedule 1S	0.0923¢/kWh
Schedule 1T	0.0923¢/kWh
Schedule 1W	0.0923¢/kWh
Schedule DP-R	0.0923¢/kWh
Schedule 1EV	0.0923¢/kWh
Schedule EV	0.0923¢/kWh
Schedule GS-1	0.0699¢/kWh
Schedule DP-1	0.0699¢/kWh
Schedule GS-2 (Non-Demand Billing)	0.0629¢/kWh
Schedule GS-2 (Demand Billing)	0.0629¢/kWh
Schedule GS-2T	0.0629¢/kWh
Schedule DP-2	0.0629¢/kWh
Schedule GS-3, RG, MBR - GS-3, SCR - GS-3	0.0561¢/kWh
Schedule GS-4 (Primary), RG, MBR - GS-4, SCR - GS-4	0.0489¢/kWh
Schedule GS-4 (Transmission), RG, MBR - GS-4, SCR - GS-4	0.0489¢/kWh
Schedule 8 (Primary)	0.0489¢/kWh
Schedule 8 (Transmission)	0.0489¢/kWh
Schedule 10 (Secondary)	0.0561¢/kWh
Schedule 10 (Primary & Transmission)	0.0489¢/kWh
Schedule 5	0.0629¢/kWh
Schedule 5C	0.0979¢/kWh
Schedule 5P	0.0979¢/kWh
Schedule 6	0.0561¢/kWh
Schedule 6TS	0.0561¢/kWh
Schedule 7	0.0699¢/kWh
Schedule 25	0.0809¢/kWh
Schedule 27	0.0809¢/kWh
Schedule 28	0.0809¢/kWh
Schedule 29	0.0809¢/kWh

<sup>&</sup>lt;sup>1</sup> This increment is not part of the Distribution kWh Charge included in the Distribution Service Charges section of the Rate Schedules, nor is this increment part of the Distribution kWh Charge included in the Other Monthly Charges section of the Special Contracts. Therefore, such increment shall be applied in addition to the Distribution rates stated in the Rate Schedules and the Special Contracts.

### RIDER T1 TRANSMISSION

The following Virginia Electric and Power Company filed Bundled Rate Schedules and special contracts approved by the State Corporation Commission pursuant to Virginia Code § 56-235.2 shall be increased by the applicable cents per kilowatt-hour and/or dollars per kilowatt charge.

Rate Schedule	Cents per Electricity Supply kWh Charge	\$/kW Charge
Schedule 1	0.3835¢/kWh	\$0.554/kW <sup>1</sup>
Schedule 1P	0.3835¢/kWh	
Schedule IS	0.3835¢/kWh	The state of the s
Schedule 1T	0.3835¢/kWh	
Schedule 1W	0.3835¢/kWh	
Schedule DP-R	0.3835¢/kWh	
Schedule 1EV	0.3835¢/kWh	
Schedule EV	0.3835¢/kWh	<b>展览中国的</b>
Schedule GS-1	0.2596¢/kWh	
Schedule DP-1	0.2596¢/kWh	
Schedule GS-2 (Non-Demand Billing)	0.5313¢/kWh	2.2.2.2.2.2.2.2.2.2.2.2.2.2.2.2.2.2.2.
Schedule GS-2 (Demand Billing)	THE REPORT OF THE PARTY OF THE PARTY.	\$0.644/kW <sup>2</sup>
Schedule GS-2T	THE STATE OF THE S	\$0.884/kW <sup>3</sup>
Schedule DP-2	0.2025¢/kWh	
Schedule GS-3, MBR - GS-3, SCR - GS-3		\$1.009/kW <sup>3</sup>
Schedule GS-4 (Primary), MBR – GS-4, SCR – GS-4		\$0.771/kW <sup>3</sup>
Schedule GS-4 (Transmission), MBR – GS-4, SCR – GS-4		\$0.751/kW <sup>3</sup>
Schedule 8 (Primary)		\$0.771/kW <sup>4</sup>
Schedule 8 (Transmission)		\$0.751/kW <sup>4</sup>
§ 56-235.2 Contract-Demand		\$0.698/kW <sup>5</sup>
§ 56-235.2 Contract-Energy	0.0033¢/kWh	<b>是一个一个一个一个一个一个一个一个一个一个一个一个一个一个一个一个一个一个一个</b>
Schedule 10 (Secondary)		\$0.401/kW <sup>6</sup>
Schedule 10 (Primary and Transmission)		\$0.284/kW <sup>6</sup>
Schedule 5	0.2085¢/kWh	11.00
Schedule 5C	0.1242¢/kWh	
Schedule 5P	0.1242¢/kWh	
Schedule 6	0.1765¢/kWh	
Schedule 6TS	0.1815¢/kWh	
Schedule 7	0.2386¢/kWh	
Schedule 25	0.0049¢/kWh	100 Maria 1997
Schedule 27	0.0049¢/kWh	
Schedule 28	0.0049¢/kWh	
Schedule 29	0.0049¢/kWh	

Applied to kW of Demand only for net-metering applications where generation is sized above 10 kW. Such installations will pay the Rider T1 energy charge or the Rider T1 demand charge, whichever is less.

Applied to kW of Demand

Applied to kW of On-peak Electricity Supply Demand

Applied to kW of Contract Supplementary - Standby Demand

Applied to kW of Firm Demand

Applied to kW of Firm Demand

<sup>&</sup>lt;sup>6</sup>Applied to kW of Electricity Supply Contract Demand

### RIDER U

### STRATEGIC UNDERGROUND PROGRAM

The following Virginia Electric and Power Company filed Rate Schedules and special contracts approved by the State Corporation Commission pursuant to Virginia Code § 56-235.2 shall be increased by the applicable cents per kilowatt-hour or dollars per kilowatt charge.

Rate Schedule	Cents per Distribution kWh Charge	Dollars per kW Demand Charge
Schedule 1	0.0497¢/kWh	
Schedule 1P	0.0497¢/kWh	
Schedule 1S	0.0497¢/kWh	
Schedule IT	0.0497¢/kWh	and the same of th
Schedule 1W	0.0497¢/kWh	
Schedule DP-R	0.0497¢/kWh	
Schedule 1EV	0.0497¢/kWh	
Schedule EV	0.0497¢/kWh	1 (1) (1) (1) (1) (1) (1) (1) (1) (1) (1
Schedule GS-1	0.0342¢/kWh	
Schedule DP-1	0.0342¢/kWh	4 (AVX)
Schedule GS-2 (Non-Demand Billing)	0.0216¢/kWh	
Schedule GS-2 (Demand Billing)	Charles Co.	\$0.078/kW <sup>1</sup>
Schedule GS-2T		\$0.078/kW <sup>2</sup>
Schedule DP-2	0.0185¢/kWh	1
Schedule GS-3, MBR - GS-3, SCR - GS-3		\$0.000/kW
Schedule GS-4 (Primary), MBR – GS-4,SCR – GS-4		\$0.000/kW
Schedule GS-4 (Transmission), MBR - GS-4, SCR - GS-4		\$0.000/kW
§ 56-235.2 Contract		\$0.000/kW
Schedule 5	0.0185¢/kWh	
Schedule 5C	0.0274¢/kWh	1 2 2
Schedule 5P	0.0274¢/kWh	
Schedule 6	0.0000¢/kWh	
Schedule 6TS	0.0000¢/kWh	, W
Schedule 7	0.0342¢/kWh	1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1
Schedule 8	0.0000¢/kWh	
Schedule 10 (Secondary)	0.0000¢/kWh	
Schedule 10 (Pri and Trans)	0.0000¢/kWh	
Schedule 25	0.2464¢/kWh	
Schedule 27	0.2464¢/kWh	
Schedule 28	0.2464¢/kWh	ï
Schedule 29	0.2464¢/kWh	

<sup>&</sup>lt;sup>1</sup>Applied to kW of Demand.
<sup>2</sup>Applied to kW of Distribution Demand.

# Exhibit of Applicable Riders

## **EXHIBIT OF APPLICABLE RIDERS**

I. The riders listed below are applicable to Virginia Electric and Power Company's Filed Rate Schedules 1, 1P, 1S, 1T, 1W, DP-R, 1EV, EV, 5, 5C, 5P, 6, GS-1, DP-1, GS-2, GS-2T, DP-2, GS-3, GS-4, RG, 6TS, 7, 8, 10, 25, 27, 28 and 29, as well as applicable charges specified in any special rates, contracts or incentives approved by the State Corporation Commission pursuant to Virginia Code § 56-235.2, on a per kilowatt and/or per kilowatthour-basis as indicated in the individual rider.

Rider	Description	Effective For Usage On and After	Applicable Service Type
Α	Fuel Charge Rider A	07-01-16	Electricity Supply
В	Biomass Conversions	04-01-16	Electricity Supply
BW	Brunswick County Power Station	09-01-16	Electricity Supply
ClA	Peak-Shaving Increment Rider	11-01-16	Distribution
C2A	Energy Efficiency Increment Rider	11-01-16	Distribution
GV	Greensville Power Station	04-01-16	Electricity Supply
R	Bear Garden Generating Station	04-01-16	Electricity Supply
s	Virginia City Hybrid Energy Center	04-01-16	Electricity Supply
Tl	Transmission	11-01-16	Electricity Supply
U	Strategic Underground Program	11-01-16	Distribution
US-2	2016 Solar Projects	09-01-16	Electricity Supply
W	Warren County Power Station	04-01-16	Electricity Supply

II. The riders listed below are applicable to Virginia Electric and Power Company's Filed Rate Schedules MBR – GS-3, MBR – GS-4, SCR - GS-3, and SCR - GS-4.

Rider	Description	Effective For Usage On and After	Applicable Service Type
CIA	Peak-Shaving Increment Rider	11-01-16	Distribution
C2A	Energy Efficiency Increment Rider	11-01-16	Distribution
Tl	Transmission	11-01-16	Electricity Supply
U	Strategic Underground Program	11-01-16	Distribution

# **EXHIBIT OF APPLICABLE RIDERS**

# (Continued)

III. The riders listed below may apply based upon the circumstances as indicated in the applicability section of the specific rider.

Rider	Description	Effective Date
D	Tax Effect Recovery Factor	09-01-09
EDR	Economic Development	06-03-15
F	Receivers or Trustees	03-01-54
G	Renewable Energy Program	For Bills Rendered On and After 01-01-12
J	Interruptible Electric Water Heating Service -Residential Customers	On and After 09-30-97

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_	Introduction	01-25-14	
J. 	Definitions	01-25-14	
II.	Application for Electric Service	01-19-16	
Ш.	Inspection	01-19-16	
IV.	Service Connections	09-01-09	
٧.	Location of Company's Equipment	01-25-14	
VI.	Characteristics of Electric Delivery Service	01-25-14	
VII.	Voltage	01-25-14	
VIII.	Selection of Schedule	01-25-14	
IX.	Deposits	01-25-14	
X.	Billing and Re-billing of Metered and Unmetered Services	01-25-14	
XI.	Master Metering and Submetering	02-01-02	
XII.	Payments	01-19-16	
XIII.	Use of Electricity by Customers	02-01-02	
XIV.	Customer's Responsibility	01-25-14	
XV.	Right of Access	01-25-14	
XVI.	Discontinuance of Electric Service	01-19-16	
XVII.	Reconnection of Electric Service	09-01-09	
XVIII.	Interruptions of Electric Service	01-19-16	
XIX.	Testing Facilities and Metering Equipment	01-25-14	
XX.	Periodic Tests and Checks	01-25-14	
XXI.	Request Tests	09-01-09	
XXII.	Electric Line Extensions and Installations	01-25-14	
XXIII.	Temporary Service	01-19-16	
XXIV.	Retail Access	01-25-14	
XXV.	Net Metering	12-28-15	
XXVI.	Electric Generator Interconnections Other Than Net		
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Agreement	for Overhead Electric Line Extension - Form G Plan	02-01-02	
Agreement	for Electric Service	02-01-02	
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Schedule 1P	- Residential Service - (Closed)	For Usage On and After 05-01-15	
Schedule IS	- Residential Service	For Usage On and After 05-01-15	

For Usage On and After 05-01-15

For Usage On and After 05-01-15

Schedule 1T

Schedule 1W

- Residential Service

- Time-Controlled Storage Water Heating Residential

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# Rate Schedules (Continued)

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Schedule EV	- Residential Electric Vehicle Charging (Experimental)	For Usage On and After 12-01-15
Schedule 5	- Small General Service - (Closed)	For Usage On and After 05-01-15
Schedule 5C	- Church and Synagogue Service	For Usage On and After 05-01-15
Schedule 5P	- Church, Synagogue and Charitable Institution Service	For Usage On and After 05-01-15
Schedule 6	- Large General Service - (Closed)	For Usage On and After 05-01-15
Schedule GS-1	- Small General Service	For Usage On and After 05-01-15
Schedule DP-1	- Small General Service (Experimental)	For Usage On and After 01-01-16
Schedule GS-2	- Intermediate General Service	For Usage On and After 05-01-15
Schedule GS-2T	- Intermediate General Service - Time of Usage	For Usage On and After 05-01-15
Schedule DP-2	- Intermediate General Service (Experimental)	For Usage On and After 01-01-16
Schedule GS-3	- Large General Service Secondary Voltage	For Usage On and After 05-01-15
Schedule MBR – GS	S-3 - Large General Service Secondary Voltage	For Usage On and After 11-01-16
Schedule SCR - GS-	-3 - Large General Service Secondary Voltage	For Usage On and After 03-01-16
Schedule GS-4	- Large General Service Primary Voltage	For Usage On and After 05-01-15
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Schedule 6TS	- Thermal Storage	For Usage On and After 05-01-15
Schedule CS	- Curtailable Service (Closed)	On and After 01-25-14
Schedule SG	- Standby Generator (Closed)	On and After 01-25-14
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Schedule 10	- Large General Service	For Usage On and After 05-01-15
Schedule 19	Power Purchases From Cogeneration and Small Power Production Qualifying Facilities	For Usage On and After 07-01-10
Schedule RG	- Renewable Energy Supply Service (Experimental)	For Usage On and After 05-01-15
Schedule SP	- Solar Purchase (Experimental)	For Usage On and After 07-01-13
Schedule 25	- Privately Owned Outdoor Lighting	For Usage On and After 05-01-15
Schedule 27	- Outdoor Lighting Service High Pressure Sodium Vapor	For Usage On and After 05-01-15
Schedule 28	- Outdoor Lighting Service	For Usage On and After 05-01-15
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# Riders

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Rider B	- Biomass Conversions	For Usage On and After 04-01-16
Rider BW	- Brunswick County Power Station	For Usage On and After 09-01-16
Rider C1A	- Peak-Shaving Increment Rider	For Usage On and After 11-01-16
Rider C2A	- Energy Efficiency Increment Rider	For Usage On and After 11-01-16
Rider D	- Tax Effect Recovery	09-01-09
Rider EDR	- Economic Development	06-03-15
Rider F	- Receivers or Trustees	03-01-54
Rider G	- Renewable Energy Program	For Bills Rendered On and After 01-01-12
Rider GV	- Greensville Power Station	For Usage On and After 04-01-16
Rider J	- Interruptible Electric Water Heating Service - Residential Customers (Closed)	On and After 09-30-97
Rider R	- Bear Garden Generating Station	For Usage On and After 04-01-16
Rider S	- Virginia City Hybrid Energy Center	For Usage On and After 04-01-16
Rider TI	- Transmission	For Usage On and After 11-01-16
Rider U	- Strategic Underground Program	For Usage On and After 11-01-16
Rider US-2	- 2016 Solar Projects	For Usage On and After 09-01-16
Rider W	- Warren County Power Station	For Usage On and After 04-01-16